

# Converting Colors

Hex(178859)

Have a look what the booklet for  
Hex(178859) contains.

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# Color

Hex(178859)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	178859
RGB	23, 136, 89
RGB Percent	9%, 53%, 35%
CMY	0.9098, 0.4667, 0.6510
CMYK	0.83, 0.00, 0.35, 0.47
HSL	155°, 71%, 31%
HSV	155°, 83%, 53%
XYZ	10.9607, 18.5117, 12.4466
YIQ	96.8550, -52.2610, -38.5730

# Conversions

## Conversions Part 2

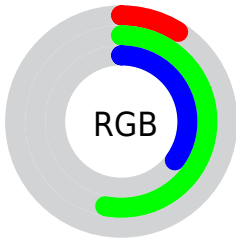
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 94, 136
Decimal	1542233
CIELab	50.11, -41.59, 16.92
CIELCh	50, 44.900, 157.862
Yxy	18.5117, 0.2615, 0.4416
Android (android.graphics.Color)	4279732313 (0xFF178859)
YUV	96.8550, -3.8725, -64.7708
Hunter-Lab	43.0253, -29.8214, 12.9659

# Details

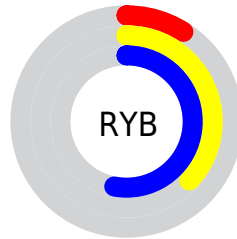
The Hex color **178859** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **881746**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **59BE8B**, and **00552B** is the 20% darker color. If you saturate the color by 10%, you get **098853**, and if you desaturate by 10%, it is **25885F**.

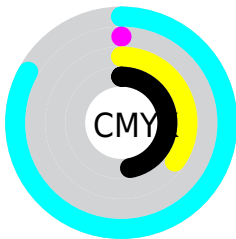
# Distribution



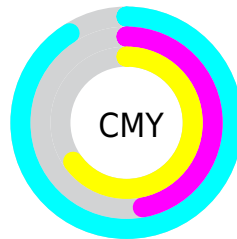
- Red (9%)
- Green (53%)
- Blue (35%)



- Red (9%)
- Yellow (37%)
- Blue (53%)



- Cyan (83%)
- Magenta (0%)
- Yellow (35%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 178859 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 178859 by changing the saturation by 10% instead.



 178859

 178859

FFFFFF

 006E41

 59BE8B

 00552B

 75DAA6

 003D16

 91F7C1

 002800

 AEFFDD

 000100

 CBFFF9

 000000

 E8FFFF

 178859

 178859

 098853

 25885F

00884F

328864

40886A

4D8870

5B8875

69887B

768881

848886

91888C

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5A8238



178859



008A80

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



178859



4178C3



B85D4A

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



178859



881746

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BD556F



178859



8769B4

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



178859



0083BE



AE5A95



A36B2F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178859



008A9A



AE5A95



BC5956



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



178859



84B09E



468817



3E594E



D9D9D9



595959



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



178859



00B067



177F88



3E4542



00854D



000503



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



881746



B00049



882017



453E41



850037



050002



# Previews

## White Background



This preview shows how the Hex color 178859 looks on a white background.

## Color Contrast Check

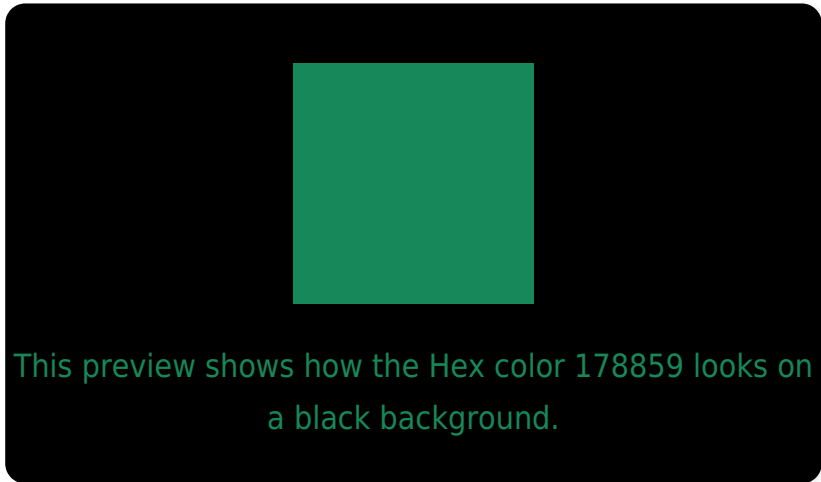
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

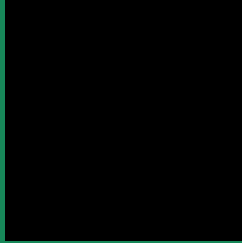
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 178859 Background



This preview shows how black text looks on a background with the Hex color 178859.

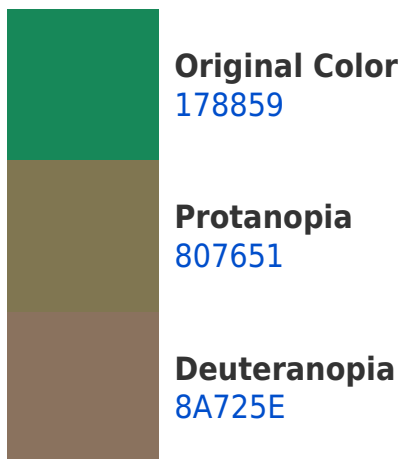



This preview shows how white text looks on a background with the Hex color 178859.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
34828C

# Trichromacy



**Original Color**  
178859



**Protanomaly**  
5A7D54



**Deuteranomaly**  
607A5C



**Tritanomaly**  
298479

# Monochromacy



**Original Color**  
178859



**Achromatopsia**  
616161



**Achromatomaly**  
466F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 178859 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #178859 looks like.

```
.text, #text, p{  
    color:#178859  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #178859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #178859
}
```

## Border

The CSS property to change the border of an element to Hex 178859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#178859 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#178859 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #178859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #178859; -webkit-box-shadow:4px 4px  
4px 4px #178859; box-shadow:4px 4px 4px  
4px #178859 }
```

# Background

The CSS property to change the background color of an element to Hex 178859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#178859 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#178859 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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